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An example occurs in the plastics industry where a polymer film is generated by blown film production methods and wound on a cardboard or fibrous core. Rolls of film can be produced wherein, for example, 1,500 linear feet or more of film is wound into a single roll of film. The roll of film can then be shipped to a plastic bag manufacturer. plastic bag manufacturer can subsequently print the film and produce bags from the film.

Increased operating speeds of continuous web systems led the industry to adopt turret-type centerwinders. Turret-type centerwinders commonly incorporate two or more shafts mounted to a rotatable turret assembly. The turret has a winding position and an unloading position. The turret revolves to place a core into the feed of a web material while simultaneously positioning the full roll in a position for unloading or removal from the turret.

Turret-type centerwinders include a lay-on roll to smooth the film and meter or remove air between layers of film. centerwinders have additional mechanisms to automate the web transfer from a full roll to a new core. Shortcomings of these "turret winders" include (1) extra equipment complexity and higher equipment costs, (2) the winding shafts located on a rotatable turret impede the transfer of the web and roll stability, and (3) inherent difficulties in unloading and 25 recoring a shaft located on a rotatable turret.

U.S. Patent Number 2,256,082 to Feurt discloses a paper converting machine. This early example of a winding device